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Application Number		10598427
Filing Date		2006-08-29
First Named Inventor	Ritchi	ie
Art Unit		1612
Examiner Name	Zohre	h A. Fey
Attorney Docket Number		UGRF127764

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/ZF/	1	3049474	A	1962-08-14	Hepworth				
	2	3091569	A	1963-05-28	Sheffner				
	3	3758682	A	1973-09-11	Huber				
	4	4122158	A	1978-10-24	Schmitt				
	5	4258056	A	1981-03-24	Lentsch				
	6	4323558	A	1982-04-06	Nelson				
	7	4438099	A	1984-03-20	Azzariti				
\downarrow	8	4485091	A	1984-11-27	Fitton				

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/ZF/	9	4939135	A	1990-07-03	Robertson	
***************************************	10	4945110	A	1990-07-31	Brokken	
	11	4983585	A	1991-01-08	Pennell	
	12	5004607	A	1991-04-02	Ragland	
	13	5055447	A	1991-10-08	Palladino	
	14	5064647	A	1991-11-12	Storm	
	15	5098417	A	1992-03-24	Yamazaki	
	16	5135155	A	1992-08-04	Kang	
	17	5160737	A	1992-11-03	Friedman	
	18	5227157	A	1993-07-13	McGinity	
	19	5260292	A	1993-11-09	Robinson	

pplication Number		10598427			
iling Date		2006-08-29			
irst Named Inventor	Ritchi	e			
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/ZF/	20	5364638	A	1993-11-15	Sugo
	21	5455266	A	1995-10-03	Kusuda
	22	5489430	A	1996-02-06	Sarto
	23	5565189	A	1996-10-15	Mulder
	24	5604200	A	1997-02-18	Taylor-McCord
	25	5621076	A	1997-04-15	Kodama
	26	5624704	A	1997-04-29	Darouiche
	27	5646151	А	1997-07-08	Kruse
	28	5688516	A	1997-11-18	Raad
	29	5698207	А	1997-12-16	Staats
	30	5744155	A	1998-04-28	Friedman

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/ZF/	31	5753614	A	1998-05-19	Blackburn
	32	5760026	A	1998-06-02	Blackburn
	33	5766594	A	1998-06-16	Kodama
	34	5848700	A	1998-12-15	Hom
	35	5858962	A	1999-01-12	Blackbum
	36	5863938	A	1999-01-26	Martin
	37	5914113	A	1999-06-02	Schrier
	38	5942232	A	1999-08-24	Costa
	39	5958443	A	1999-09-28	Viegas
	40	6086892	A	2000-07-11	Cook
,	41	6159945	A	2000-12-12	Wu

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/ZF/	42	6165484	A	2000-12-26	Raad			
CONTRACTOR	43	6207411	В1	2001-03-27	Ross			
	44	6207679	B1	2001-03-27	Cuny			
	45	6224853	B1	2001-05-01	Steel			
	46	6267979	B1	2001-07-31	Raad			
	47	6270770	B1	2001-08-07	Schrier			
	48	6270781	B1	2001-08-07	Gehlsen			
	49	6271656	B1	2001-09-18	Wu			
\checkmark	50	6413556	В1	2002-07-02	Bathurst			
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/ZF/	1	2 384 881	CA	A1	2001-03-22	Loomis		
	2	0 603 406	EP	A1	1994-06-29	Saito		
	3	1539771	GB		1979-02-07	Fitton		
	4	95/30751	wo	A1	1995-11-16	Suri		
	5	99/09997	wo	A1	1999-03-04	Raad		
	6	99/21866	wo	A1	1999-05-06	Wu		
	7	00/00186	wo	A1	2000-01-06	Coury		
\downarrow	8	02/24143	wo	A2	2002-03-28	Wooley		

Application Number		10598427
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/ZF/	9	2006/074117	wo	A2	2006-07-13	Holladay					
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Examiner Initials*	Cite No		nal, serial, symp	osium,	catalog, etc),	the article (when appropr date, pages(s), volume-is		T5			
/ZF/	1	ALEKSHUN, M.N., and S The mar Regulon," Antin	ALEKSHUN, M.N., and S.B. LEVY, "Regulation of Chromosomally Mediated Multiple Antibiotic Resistance: The mar Regulon," Antimicrobial Agents and Chemotherapy 41(10):2067–2075, October 1997.								
	2	Tris-[Hydroxymethyl] Am	ASHWORTH, C.D., and D.R. NELSON, "Antimicrobial Potentiation of Irrigation Solutions Containing Tris-[Hydroxymethyl] Aminomethane-EDTA," Journal of the American Veterinary Medical Association 197(11):1513–1514, December 1990.								
	3	BAYER, M.E., and L. LEIVE, "Effect of Ethylenediaminetetraacetate Upon the Surface of Escherichia coli," Journal of Bacteriology 130(3):1364–1381, June 1977.									
	4	BIZIULEVICHIUS, G.A., and K. LUKAUSKAS, "In Vivo Studies on Lysosubtilin. 3. Efficacy for Treatment of Mastitis and Superficial Lesions of the Udder and Teats in Cows," Veterinary Research 29(5):441–456, September–October 1998.									
	5		BJORLING, D.E., and R.E. WOOLEY, "EDTA-Tromethamine Lavage as an Adjunct Treatment for Multiple Fistulas in a Dog," Journal of the American Veterinary Medical Association 181(6):596–597, September 1982.								
	6	BLAIR, J.E., et al. (eds.) Bethesda, Md., 1970, p.		in "Man	ual of Clinical M	icrobiology," American Socie	ety for Microbiology,				
	7					nonas aeruginosa Otitis Exte nal of Veterinary Research 3					
\downarrow	8					mine Tetraacetate on the Re (04):1391–1393, September					
								-			

Application Number		10598427	
Filing Date		2006-08-29	
First Named Inventor Ritchie		e	
Art Unit		1612	
Examiner Name Zohre		h A. Fey	
Attornov Docket Number		LICRE127764	

/ZF/	9	BRYAN, L.E., (ed.) "Antimicrobial Drug Resistance," Academic Press, Orlando, 1984, Ch. 8, "Aminoglycoside Resistance," pp. 255–256.	
	10	CHEW, B.P., et al., "In Vitro Growth Inhibition of Mastitis Causing Bacteria by Phenolics and Metal Chelators," Journal of Dairy Science 68(11):3037–3046, November 1985.	
	11	CULLOR, J.S., "Antibiotic Residue Tests for Mammary Gland Secretions," Veterinary Clinics of North America: Food Animal Practice 9(3):609–620, November 1993.	
	12	DE OLIVEIRA, A.P., et al., "Antimicrobial Susceptibility of Staphylococcus aureus Isolated From Bovine Mastitis in Europe and the United States," Journal of Dairy Science 83(4):855–862, April 2000.	
	13	DEVRIESE, L.A., et al., "Identification and Antimicrobial Susceptibility of Staphylococcus chromogenes Isolates From Intramammary Infections of Dairy Cows," Veterinary Microbiology 87(2):175–182, June 2002.	
	14	DODD, F.H., "Mastitis—Progress on Control," Journal of Dairy Science 66(8):1773–1778, 1983.	
	15	DOWSETT, C, "The Use of Silver-Based Dressings in Wound Care," Nursing Standard 19(7):56–58 and 60, October 2004.	
	16	ERSKINE, R.J., et al., "Advances in the Therapy for Mastitis," Veterinary Clinics of North America: Food Animal Practice 9(3):499–517, November 1993.	
	17	ERSKINE, R.J., et al., "Pseudomonas Mastitis: Difficutites in Detection and Elimination From Contaminated Wash-Water Systems," Journal of the American Veterinary Medical Association [JAVMA] 191(7):811–815, October 1987.	
	18	FARCA, A.M., et al., "Potentiation of Antibiotic Activity by EDTA-Tromethamine Against Three Clinically Isolated Gram-Positive Resistant Bacteria. An In Vitro Investigation," Veterinary Research Communications 18(1):1–6, January 1994.	
\bigvee	19	FARCA, A.M., et al., "Potentiation of the in Vitro Activity of Some Antimicrobial Agents Against Selected Gram-Negative Bacteria by EDTA-Tromethamine," Veterinary Research Communications 17(2):77–84, 1993.	

Application Number		10598427	
Filing Date		2006-08-29	
First Named Inventor Ritchie		e	
Art Unit		1612	
Examiner Name Zohre		h A. Fey	
Attornov Docket Number		LICRE127764	

/ZF/	20	GANDER, S., "Bacterial Biofilms: Resistance to Antimicrobial Agents," Journal of Antimicrobial Chemotherapy 37(6):1047–1050, June 1996.	
	21	GERBERICK, G.F., and P.A. CASTRIC, "In Vitro Susceptibility of Pseudomonas aeruginosa to Carbenicillin, Glycine, and Ethylenediaminetetraacetic Acid Combinations," Antimicrobial Agents and Chemotherapy 17(4):732–735, April 1990.	
-	22	GOLDSCHMIDT, M.C., and O. WYSS, "The Role of Tris in EDTA Toxicity and Lysozyme Lysis," Journal of General Microbiology 47(3):421–431, June 1967.	
	23	GOLDSCHMIDT, M.C., et al., "EDTA and Lysozyme Lavage in the Treatment of Pseudomonas and Coliform Bladder Infections," Journal of Urology 107(6):969–972, June 1972.	
	24	GREENSPAN, N.S., and E. DI CERA, "Defining Epitopes: It's Not as Easy as it Seems," Nature Biotechnology 17:936–937, October 1999.	
	25	GRUET, P., et al., "Bovine Mastitis and Intramammary Drug Delivery: Review and Perspectives," Advanced Drug Delivery Reviews 50(3):245–259, September 2001.	
	26	HALL, R.M., "Mobile Gene Cassettes and Integrons: Moving Antibiotic Resistance Genes in Gram-Negative Bacteria," in D.J. Chadwick and J. Goode (eds), "Antibiotic Resistance: Origins, Evolution, Selection and Spread" (Clba Foundation Symposium 207, London, July 16–18, 1996), Wiley, Chichester, UK, June 1997, pp. 192–205.	
	27	HEPPEL, L.A., "The Concept of Periplasmic Enzymes," in L.I. Rothfield (ed.), "Structure and Function of Biological Membranes," Academic Press, New York, 1971, pp. 224–247.	
	28	JACKSON, E.R., "The Proper Use and Benefits of Veterinary Antimicrobial Agents in Practice in Cattle," Veterinary Microbiology 35(3-4):349–356, June 1993.	
	29	KARUKONDA, S.R.K., et al., "The Effects of Drugs on Wound Healing—Part II. Specific Classes of Drugs and Their Effect on Healing Wounds," International Journal of Dermatology 39(5):321–333, May 2000.	
V	30	KRIEG, D.P., et al., "Phosphorylcholine Stimulates Capsule Formation of Phosphate-Limited Mucoid Pseudomonas aeruginosa," Infection and Immunity 56(4):864–873, April 1988.	

Application Number		10598427	
Filing Date		2006-08-29	
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Art Unit		1612	
Examiner Name Zohre		eh A. Fey	
Attorney Docket Number		LICRE127764	i

/ZF/	31	LEE, A.H., et al., "Effects of Gentamicin Solution and Cream on the Healing of Open Wounds," American Journal of Veterinary Research 45(8):1487–1491, August 1984.	
	32	LEIVE, L., "A Nonspecific increase in Permeability in Escherichia coll Produced by EDTA," Proceedings of the National Academy of Sciences USA (PNAS) 53(4):745–750, April 1965.	
	33	LEIVE, L., et al., "Physical, Chemical, and Immunological Properties of Lipopolysacchande Released From Escherichia coli by Ethylenediaminetetraacetale," Journal of Biological Chemistry 243(24):6384–6391, December 1968.	
	34	MINISTER, P., "Two New Antibiotics to Combat Mastitis," The Farmer 1(4):31–32, Summer 1976.	
	35	MONKHOUSE, D.C., and G.A. GROVES, "The Effect of EDTA on the Resistance of Pseudomonas aeruginosa to Benzalkonium Chloride," Supplement No. 53 of The Australasian Journal of Pharmacy 48(570):\$70–\$75, June 1967.	
	36	NICHOLAS, R.A.J., and R.D. AYLING, "Mycoplasma bovis: Disease, Diagnosis, and Control," Research in Veterinary Science 74(2):105–112, April 2003.	
	37	"PIRSUE® Sterile Solution" (Product Information Sheet), Pharmacia & Upjohn Company, Kalamazoo, Mich., January 2003, 2 pages.	
	38	REBHUN, W.C., "Diseases of Dairy Cattle," Lippincott Williams & Wilkins, Philadelphia, October 1995, Chap. 8, "Diseases of the Teats and Udder," pp. 279–308.	
	39	ROBERTS, N.A., et al., "The Bactericidal Action of Ethylenediaminetetra-Acetic Acid on Pseudomonas aeruginosa," Microbios 2(7–8):189–208, 1970.	
	40	RUSSELL, A.D., "Effect of Magnesium Ions and Ethylenediamine Tetra-Acetic Acid on the Activity of Vancomycin Against Escherichia coli and Staphylococcus aureus," Journal of Applied Bacteriology 30(2):395–401, August 1967.	
\downarrow	41	SABATH, L.D., "Synergy of Antibacterial Substances by Apparently Known Mechanisms," Antimicrobial Agents and Chemotherapy 7:210–217, 1967.	

(Not for submission under 37 CFR 1.99)

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Attaura Daniert Niverban		UCDE127764

/ZF/	42	SMITH, B.A., et al., "Omental Pedicle Used to Manage a Large Dorsal Wound in a Dog," Journal of Small Animal Practice 36(6):267–270 June 1995.
	43	SMITH, K.L., and J.S. HOGAN, "Environmental Mastitis," Veterinary Clinics of North America: Food Animal Practice 9(3):489–498, November 1993.
	44	SPARKS, T.A., et al., "Antimicrobial Effect of Combinations of EDTA-Tris and Amikacin or Neomycin on the Microorganisms Associated With Otitis Externa in Dogs," Veterinary Research Communications 18(4):241–249, 1994.
	45	STERN, G.A., et al., "Effect of Topical Antibiotic Solutions on Corneal Epithelial Wound Healing," Archives of Ophthalmology 101(4):644–647, April 1983.
	46	TARABLA, H., and V. CANAVESIO, "Prevalence of Intramammary Infections by Major Pathogens at Parturition in Dairy Cows After Intramuscular Antibiotic Therapy at Drying-Off: A Preliminary Report," Journal of Dairy Research 70(2):233–235, May 2003.
	47	TSOLOV, S., et al., "Rifamycin Depot – Syringae Intramammariae," Medico-Biologic Information 12:21–27, 1988.
	48	TYLER, J.W., et al., "Treatment of Subclinical Mastitis," Veterinary Clinics of North America: Food Animal Practice 8(1):17–28, March 1992.
	49	WOOLEY, R.E., and J.L. BLUE, "In-Vitro Effect of EDTA-Tris-Lysozyme Solutions on Selected Pathogenic Bacteria," Journal of Medical Microbiology 8(1):189–194, February 1975.
\bigvee	50	WOOLEY, R.E., and M.S. JONES, "Action of EDTA-Tris and Antimicrobial Agent Combinations on Selected Pathogenic Bacteria," Veterinary Microbiology 8(3):271–280, June 1983.
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